BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2018-19/OW/WORK_INDENT3711

APPROVED SCHEDULE - B

EE/BTP/BBMP/E-PMT/11/2019-20, Date:11.07.2019

Name of Work: Construction of School Building and Repair of (Flooring, Painting to School Shulter) at Govt School, Ramachandrapura in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of B Girish ( )	
				In Figures	In Words
1	261.75	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5	Cum	193.91	Rupees One Hundred Ninety Three and Ninety One Paise Only
2	31.6	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (Pg.no-12/Item.no-4.3)	Cum	4993.54	Rupees Four Thousand Nine Hundred Ninety Three and Fifty Four Paise Only
3	66.5	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. (Pg.no-23/Item.no-5.6)	Cum	4295.86	Rupees Four Thousand Two Hundred Ninety Five and Eighty Six Paise Only
4	86.38	KSRB 2.3: Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. In depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5m. Inluding cost of all labour complete as per speicifications. Specification No.KBS 2.9(P.No7, I.No.2.1)	Cum	77.98	Rupees Seventy Seven and Ninety Seven Paise Only
5	53.35	KSRB-3.2: Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications(Pg.no-9/Item.no-3.2)	Sqm	105.68	Rupees One Hundred Five and Sixty Seven Paise Only
6	69.12	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. (Pg.no-15/Item.no-2.8)	Sqm	237.01	Rupees Two Hundred Thirty Seven Only
7	62.98	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications (Pg.no-13/Item.no-4.10)	Cum	6382.75	Rupees Six Thousand Three Hundred Eighty Two and Seventy Four Paise Only

BGirish

Signature of the contractor

Executive Engineer

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of B Girish ( )	
				In Figures	In Words
8	19.5	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, ,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.(Pg.no-13/Item.no-4.12)	Cum	6532.54	Rupees Six Thousand Five Hundred Thirty Two and Fifty Four Paise Only
9	59.04	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications.(Pg.no-16/Item.no-4.32)	Sqm	375.52	Rupees Three Hundred Seventy Five and Fifty One Paise Only
10	81.84	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications.(Pg.no-16/Item.no-4.34)	Sqm	262.66	Rupees Two Hundred Sixty Two and Sixty Five Paise Only
11	53.35	KSRB 4-6.11: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specification. Specification No.KBS 4.6.2 (P.No.16, I.No.4.38)	Sqm	303.78	Rupees Three Hundred Three and Seventy Eight Paise Only
12	9.53	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and achoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No.KBS 4.6.3. TMT Bars Fe 500 (P.No.17, I.No.4.46.2)	Tonne	58185.49	Rupees Fifty Eight Thousand One Hundred Eighty Five and Forty Eight Paise Only
13	73.35	Providing and constructing Precast concrete solid blocks with compressive strenght not less than 35Kg/sqm with cement mortar 1:4 masonry (quion, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms confirming to IS:2185/1965 in superstructure including cost of materials, labour charges, scalffolding, curing etc., complete as per specifications.(P.No.27, I.No.5.26.1)	Sqm	961.36	Rupees Nine Hundred Sixty One and Thirty Six Paise Only
14	53.35	KSRB 15-3.14: Providing 12mm thick cement plaster in single coat with cement mortar 1:4 (with lime rendering) to ceiling inclunding & rounded off corners wherever required smooth rendering Providing & removing scaffolding, including cost of materials, labour curing complete as per specification (P.No.114, I.No.15.22)	Sqm	182.63	Rupees One Hundred Eighty Two and Sixty Two Paise Only
15	190.03	KSRB 15-3.4, : Providing 15mm thick cement plaster in single coat with cement mortor 1:3 (with lime rendering) to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(P.No.113, I.No.15.14)	Sqm	171.34	Rupees One Hundred Seventy One and Thirty Four Paise Only
16	160.55	KSRB 15-3.9: Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(P.No.114, I.No.15.17)	Sqm	203.15	Rupees Two Hundred Three and Fourteen Paise Only

B Girish

Signature of the contractor

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Executive Enginee

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of B Girish ( )	
				In Figures	In Words
17	108.77	Providing and laying flooring using prepolished, gang saw/water cut 19mm thick granite laid with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface,including the cost of all materials, mortar and labours etc., complete as per specifications. -do- using silver grey granite / Multy Red / Ruby Red / Black / HassanGreen / River Pink Granite of width not less than 1200mm	Sqm	2687.09	Rupees Two Thousand Six Hundred Eighty Seven and Nine Paise Only
18	160.55	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with anti fungal paint for top coat of of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specification.(P.No.125, I.No.15.104)	Sqm	154.93	Rupees One Hundred Fifty Four and Ninety Two Paise Only
19	237.33	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty, scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scafolding etc., complete as per specifications (page no. 126, item no.15.106)	Sqm	57.46	Rupees Fifty Seven and Forty Five Paise Only
20	237.33	KSRB 15-15.1: Providing and applying painting in two coats with plastic emulsion paint with primer of approved brand on wall surface to give an even approved shade after throughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications (P.No.117, I.No.15.51.2)	Sqm	92.34	Rupees Ninety Two and Thirty Four Paise Only
21	1	KSRB 11-11.1: Providing and fixing White vitreous china clay flat back wash basin size 630x450 with a pair of 15mm C.P Brass pillar taps with C.I / M.S brackets, 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. (P.No.80, I.No.12.23)	Unit	3987.04	Rupees Three Thousand Nine Hundred Eighty Seven and Three Paise Only
22	2	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.((P.No.88, I.No.12.111)	Each	164.16	Rupees One Hundred Sixty Four and Sixteen Paise Only
23	2	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of cistern in CC 1:2:4 as per directions (Rate inclusive of cost of materials and fixtures and conveyance of materials to work spot).(P.No.88, I.No.12.113.1)	Each	256.50	Rupees Two Hundred Fifty Six and Fifty Paise Only
24	2	KSRB -13-6.1-1Providing and fixing in position brass Bib Cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications..(P.No.91, I.No.13.23)	Each	237.00	Rupees Two Hundred Thirty Seven Only
25	2	KSRB13-6.2-1:Providing and fixing in position brass Stop Cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. (P.No.91, I.No.13.26)	Each	163.62	Rupees One Hundred Sixty Three and Sixty Two Paise Only
26	231	KSRB-7.9: Providing and fixing M.S.grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S.square rods, or combination of M.S.flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifictions. Specification No. KBS 7.12 (Consider 21 Kg/ Sqm) (P.No.32, I.No.7.9)	Kg	80.03	Rupees Eighty and Two Paise Only

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of B Girish ( )	
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27	9	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections	Sqm	3917.27	Rupees Three Thousand Nine Hundred Seventeen and Twenty Six Paise Only
28	15	Providing and fixing chorinated poly venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.)20mm nominal OD pipes(page.no-96/Item.no-13.86)	Mtr	256.50	Rupees Two Hundred Fifty Six and Fifty Paise Only
29	35	Providing and fixing to wall, ceiling and floor unplasticised 110mm PVC 6.00 kgf/sq.cm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floorfor sanitary pipelines including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.(Page.no-88/Item no-12.116)	Mtr	705.89	Rupees Seven Hundred Five and Eighty Eight Paise Only
30	0.23	KSRB 9.4-1 : Providing wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications.Specification No. KBS 9.33 9.10 KSRB 9.4 : – do – Teak wood frames	Cum	190948.55	Rupees One Hundred Ninety Thousand Nine Hundred Forty Eight and Fifty Five Paise Only
31	6.3	KSRB 9.5-2: Providing and fixing in position fully panelled Honne wood shutter for doors, styles and rails of 40mm, thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour. HOM of machinary complete as per specifications. (excluding cost of fixtures) Specification No.KBS 9.34.(P.No 51, I.No.9.15)	Sqm	8641.10	Rupees Eight Thousand Six Hundred Forty One and Ten Paise Only
32	17.1	KSRB 15-17.4: Providing and applying painting two coats (including priming coat) on new wood surface and /or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreing matter, sand papering including cost of materials, labour, complete as per specifications.(P.No.119, I.No.15.58 &15.60.1)	Sqm	31.91	Rupees Thirty One and Ninety One Paise Only
33	261.75	Conveying the excavated earth (leadcharges) to a with lead of 10 kms with all lead and lift. Including loading and unloading charges etc., complete as per direction of Engineer in charge (Data rate Approved)	Cum	89.00	Rupees Eighty Nine Only

nature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92

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Signature of the contractor

Executive Engineer